| Ref<br>#         | Hits | Search Query                                                                                                                                                                                                                                                                                                                                           | DBs                                      | Default<br>Operator | Plurals | Time Stamp       |
|------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|---------|------------------|
| S39              | 1    | ("6936357").PN.                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR             | OR                  | OFF     | 2007/06/04 16:19 |
| S40              | 6    | "6936357"                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR                  | OFF .   | 2007/06/04 16:21 |
| S41              | 1    | ("6613143").PN.                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR             | OR                  | OFF     | 2007/06/04 16:30 |
| S42              | 174  | ((aluminum adj nitride) or aln) and single crystal bulk large                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | SAME                | OFF     | 2007/06/04 16:31 |
| S43 <sup>-</sup> | 183  | ((aluminum adj nitride) or aln) and single crystal bulk large                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | SAME                | ON      | 2007/06/04 16:31 |
| S44              | 72   | ((aluminum adj nitride) or aln) and<br>single crystal bulk large                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | WITH .              | ON      | 2007/06/05 12:54 |
| S45              | 0    | ("3,836,4083,865,6554,190,4704, 268,8424,419,1794,853,0785,074, 9545,076,8605,237,1825,266,1275, 322,5925,334,2505,492,7345,587, 0145,679,1525,770,8875,875,7695, 935,3215,993,5426,001,7486,006, 7386,056,8176,110,8096,110,2906, 113,9856,136,0936,139,6316,146, 4576,156,5816,177,2926,177,6886, 218,2806,290,7746,337,1026,372, 0416,406,540").PN. | US-PGPUB;<br>USPAT;<br>USOCR             | OR                  | OFF     | 2007/06/05 12:55 |
| S46              | 0    | ("3,836,4083,865,6554,190,4704, 268,8424,419,1794,853,0785,074, 9545,076,8605,237,1825,266,1275, 322,5925,334,2505,492,7345,587, 0145,679,1525,770,8875,875,7695, 935,3215,993,5426,001,7486,006, 7386,056,8176,110,8096,110,2906, 113,9856,136,0936,139,6316,146, 4576,156,5816,177,2926,177,6886, 218,2806,290,7746,337,1026,372, 0416,406,540").PN. | US-PGPUB;<br>USPAT;<br>USOCR             | OR                  | OFF     | 2007/06/05 12:55 |

| S47 | 46 | (("3,836,408") or ("3,865,655") or ("4,190,470") or ("4,268,842") or ("4,419,179") or ("4,853,078") or ("5,074,954") or ("5,076,860") or ("5,237,182") or ("5,266,127") or ("5,322,592") or ("5,334,250") or ("5,492,734") or ("5,770,887") or ("5,679,152") or ("5,935,321") or ("5,993,542") or ("6,001,748") or ("6,006,738") or ("6,056,817") or ("6,110,809") or ("6,110,290") or ("6,113,985") or ("6,146,457") or ("6,139,631") or ("6,146,457") or ("6156581") or ("6,177,292") or ("6,218,280") or ("6,372,041") or ("6,476,420") or ("6,533,874") or ("6,656,256") or ("6,613,143") or ("6,656,285") or ("20020155713") or ("20020174833")).PN. | US-PGPUB;<br>USPAT;<br>USOCR             | OR   | OFF | 2007/06/05 12:58 |
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| S48 | 10 | S47 and defect with density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | OFF | 2007/06/05 12:58 |
| S49 | 12 | S47 and defect with density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON  | 2007/06/05 12:58 |
| S50 | 45 | ("3121062"   "3275415"   "3634149"   "4147572"   "4152182"   "4382837"   "4489128"   "4597949"   "4897149"   "5034604"   "5270263"   "5350699"   "5387804"   "5433167"   "5637146"   "5679965"   "Re34861").PN. OR ("5858086").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR             | OR . | OFF | 2007/06/05 14:16 |
| S51 | 1  | ("4755220").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR             | OR   | OFF | 2007/10/16 11:29 |
| S52 | 4  | ("4463935"   "4482388"   "4576872"<br>  "4585618").PN. OR ("4755220").<br>URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR             | OR   | OFF | 2007/10/16 11:29 |
| S53 | 1  | ("5565248").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR             | OR   | OFF | 2007/10/23 14:15 |

|     |     |                                                                                                                                                                                         | <b>.</b>                     | T    | 1   |                  |
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| S54 | 1   | ("6,479,108").PN.                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2007/10/23 14:15 |
| S55 | 15  | ("4039697"   "4090851"   "4099924"<br>  "4218418"   "4429009"  <br>"4505948"   "4565711"   "4741925"<br>  "4935046"   "5934900"  <br>"5976247"   "5980629").PN. OR<br>("6479108").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2007/10/23 14:22 |
| S56 | 41  | ("3002824"   "3129061"   "3226194"<br>  "3341361"   "3393054"  <br>"3413090"   "3453352"   "3650703"<br>  "3922475"   "4000030").PN. OR<br>("4090851").URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2007/10/23 15:53 |
| S57 | 4   | S56 and silicon adj oxide                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2007/10/23 15:53 |
| S58 | 5   | S56 and silicon adj \$2oxide                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2007/10/23 15:53 |
| S59 | 5   | S56 and silicon with metal                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2007/10/23 15:56 |
| S60 | 309 | silicon metal \$20xide nitride and coat\$3 and silicon same melt                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | WITH | ON  | 2007/10/23 15:57 |
| S61 | 11  | silicon metal \$20xide nitride and crucible with coat\$3 and silicon same melt                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR | WITH | ON  | 2007/10/23 16:03 |
| S62 | . 4 | ("4463935"   "4482388"   "4576872"<br>  "4585618").PN. OR ("4755220").<br>URPN.                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2007/10/23 15:59 |
| S63 | 0   | ("2006/0057317").URPN.                                                                                                                                                                  | USPAT                        | OR   | OFF | 2007/10/23 16:02 |
| S64 | 1   | silicon elemental \$20xide nitride and<br>crucible with coat\$3 and silicon<br>same melt                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR | WITH | ON  | 2007/10/23 16:18 |
| S65 | 2   | silicon elemental \$20xide nitride and crucible with coat\$3 and silicon same melt                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR | SAME | ON  | 2007/10/23 16:04 |
| S66 | 11  | silicon metal \$20xide nitride and crucible with coat\$3 and silicon same melt                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR | WITH | ON  | 2007/10/23 16:18 |
| S67 | 26  | silicon metal \$20xide nitride and crucible with coat\$3 and silicon same melt                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR | SAME | ON  | 2007/10/23 16:19 |
| S68 | 15  | S67 not S66                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR | SAME | ON  | 2007/10/23 16:19 |

| S69 | 17 | ("3613633"   "3660075"   "3746569"   "4218418"   "4256530"   "4548381"   "4741925"   "5275655"   "5380482"   "5384291"   "5431869"   "5540884"   "5830269"   "5980629"   "6165425"   "6334603").PN. OR ("6491971"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR              | OFF | 2007/10/23 16:24 |
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| S70 | 2  | ("5431869").PN. OR ("6165425").<br>URPN.                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR              | OFF | 2007/10/23 16:31 |
| S71 | 2  | ("5431869").PN. OR ("6165425").<br>URPN.                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR <sup>.</sup> | OFF | 2007/10/23 16:36 |
| S72 | 7  | ("3396935"   "3682435"   "4548381"<br>  "4683937"   "4740246").PN. OR<br>("6334603").URPN.                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR | OR              | OFF | 2007/10/23 16:42 |
| S73 | 1  | ("20070089642").PN.                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR              | OFF | 2007/10/23 16:42 |